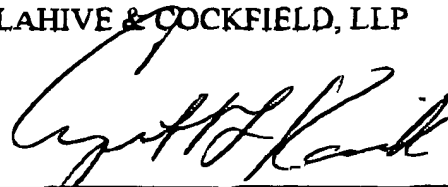


**IN THE UNITED STATES PATENT OFFICE AND TRADEMARK OFFICE****Applicants: Seishi Kato, et al****Serial No.: 09/554,933****Filed: May 22, 2000****Title: HUMAN PROTEINS HAVING TRANSMEMBRANE  
DOMAINS AND DNAs ENCODING THESE PROTEINS****Attorney's Docket: GIN-6713CPUS****CERTIFICATION**

I, Cynthia L. Kanik, Ph.D. Attorney for Applicants in the above-referenced patent application, hereby certify and attest that the attached documents are a true and exact copy of the Amendment and Response mailed to the U.S. Patent and Trademark Office on February 8, 2002 via First Class Mail for the above-referenced patent application.

Respectfully submitted,

LAHIVE &amp; COCKFIELD, LLP



Cynthia L. Kanik  
Registration No. 37,320  
Attorney for Applicants

28 State Street  
Boston, MA 02109  
(617) 227-7400  
(617) 742-4214  
Date: February 27, 2002

*Duplicate accepted  
Mail Room Date 8 Feb 2002*

*J. Burke*

JULIE E. BURKE, PH.D.  
SPECIAL PROGRAM EXAMINER  
TECHNOLOGY CENTER 1600

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the application of: Kato et al.

Serial No.: 09/554,933

Filed: May 22, 2000

For: HUMAN PROTEINS HAVING TRANSMEMBRANE  
DOMAINS AND DNA'S ENCODING THESE PROTEINS

Attorney Docket No.: GIN-6713CPUS

Group Art Unit: 1647

Examiner: J. Seharaseyon

12/18  
P.Q.  
2/28/02

Commissioner for Patents  
Washington, D.C. 20231

**Certificate of First Class Mailing (37 CFR 1.8(a))**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.

February 8, 2002

Date of Signature and of Mail Deposit

By: 

Cynthia L. Kanik, Ph.D.  
Reg. No. 37,320  
Attorney for Applicant

**AMENDMENT AND RESPONSE**

Dear Sir:

This is in response to the Office Action dated August 8, 2001 (Paper No. 10). A Request for Three-Month Extension of Time in which to respond is being submitted on even date herewith. Responsive to the Office Action, please amend the above-identified application as follows:

**In the specification:**

Please replace the sentence on page 55, line 4 with the following rewritten sentence:

B' --Table 4--